

28
Mar 07

X - R A Y S O L A R F L A R E S

MARCH 2007

Sta	Day	Start (UT)	Max (UT)	End (UT)	Lat	CMD	NOAA/ USAF Region	CMP Mo	Day	Dur (Min)	Imp Xray	Total Integrated Flux(1)	Total Area(2)	Total(3) Intensity
GOES	02	0503	0529	0550			10944			47	B 2.5	1.5E-04		
GOES	10	2209	2213	2215						6	B 2.0	3.8E-05		
GOES	28	1316	1344	1357						41	B 1.1	1.9E-04		
GOES		1925	1928	1932	N09	E64	10949			7	B 1.0	2.8E-05	5.5E+02	1.2E+03
GOES	31	0128	0143	0148			10949			20	B 2.2	1.9E-04		

Note 1: Total integrated flux computed from the event start time to end if available (units=J/m*2).

Note 2: Total area is derived from SXI imagery in units of squared arc seconds of the largest flaring area.

Note 3: Total intensity is derived from SXI imagery in units of data numbers/second of the largest flaring area.

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TABLE FORMAT CHANGE: Data are from the GOES full disk xray monitor supplemented with Solar Xray Imager (SXI) data since January, 2004. Positions, areas, and intensities are taken from SXI imagery using the largest flare event on the disk. Only the largest event is selected during multiple flares on the disk.